



# COMSATS University Islamabad (CUI), Lahore Campus

Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-13-19-1321

Case # 2941

## **Single Stage One Envelop Procedure**

**Title of Tender:** **Glassware's & Plasticware's for Establishment of Centre for Advanced Technologies in Biomedical Materials (Knowledge Economy Initiative)**

### **TERMS AND CONDITIONS**

- 1. All pages of bidding documents are mandatory to be signed / stamped, meaning thereby bidder agrees to our terms & conditions mentioned herein, failing which the bid may be rejected.*
- 2. Any addition, deletion or modification of any clause of the procurement terms & conditions/BoQs of CUI, Lahore Campus by any vendor will not be acceptable and may lead to rejection of the bid.*
- 3. Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in tender.*
4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS University Islamabad, Lahore Campus.
5. Documents along with Pay Order / Demand Draft amounting to **Rs. 1000/-** as a tender document fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad, Lahore Campus to the address given below. No bid will be accepted without tender documents' fee.
6. Part / Advance payments is not allowed.
- 7. The exact completion/delivery time from the date of the purchase / work order will be 90 days. The handing over / completion time for this contract is of critical importance.**
8. Your bid proposal should be inclusive of freight and all other taxes and to be delivered at CUI, Lahore Campus's premises.
9. After opening of bids, CUI, Lahore Campus will examine the bids for completeness as per tender document.
10. Purchase order (s) will be awarded to the lowest or technically recommended bidder (s) on the basis of item wise / subtotal wise / grand total wise according to the nature of BoQs.
11. The bid should be submitted in a sealed envelope up to **January 13, 2020** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.
12. The envelope should be marked as under;

**Secretary, Purchase Committee**  
**COMSATS University Islamabad, Lahore Campus**  
Defence Road, Off Raiwind Road, Lahore.  
Tel: 042-111-001-007, Ext: 875

The envelope shall also bear the word “CONFIDENTIAL” and following identification quotation of **“Glassware’s & Plasticware’s for Establishment of Centre for Advanced Technologies in Biomedical Materials (Knowledge Economy Initiative)”**.

13. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
14. **If the vendor fails to deliver the goods / services to COMSATS University Islamabad (CUI), Lahore Campus within the given deadline, any of the following can be opted by CUI Lahore campus on the recommendation of the end user and approval of the authority;**
  - a. An extension in the delivery period may be granted in case a valid reason/justification with necessary documentary evidence is provided by the vendor supporting the reason for delay.
  - b. A penalty upto 10% of the invoice value may be charged.
  - c. Purchase order may be cancelled along with confiscation of earnest money if the vendor fails to deliver the goods / services after the initial or extended delivery time, as the case may be.
15. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.
16. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
17. Payment will be made on submission of Invoice in the name of “COMSATS University Islamabad, Lahore Campus” with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation, and COMSATS acceptance / inspection thereof.
18. All prices should be quoted on **F.O.R (Pak Rupees) inclusive of all taxes.**
19. All prices should be valid for at least **120 days.** Withdrawal or any modification of the original offer within the validity period shall entitle CUI-Lahore Campus to forfeit the earnest money in favor of the CUI-Lahore Campus and / or put a ban on such vendor participation in CUI tenders / works.
20. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
21. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
22. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
23. **The bidder is required to furnish in form of Bank deposit/ CDR/ Pay order equivalent to 2% of the total Bid price as Earnest Money crossed in favor of “COMSATS University Islamabad, Lahore Campus”.**
24. COMSATS University Islamabad, Lahore Campus reserves the rights to reject the bid if;
  - i. Received without earnest money
  - ii. Received later than the date and time fixed for tender submission
  - iii. The tender is unsigned/ unstamped
  - iv. The offer is ambiguous
  - v. The offer is conditional
  - vi. The offer is from a firm, which is black listed by any Govt. Office.
  - vii. The offer is received by telephone/telex/fax/telegram.
  - viii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.

25. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender otherwise the tender will not be considered under any circumstances.
26. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- **Company / Vendor Name:**.....
- **Postal Address:**.....
- **Tel. / Mobile:**.....**Email:**.....
- **NTN#:**.....**GST#:**.....
- **Signature:** .....
- Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.

**BoQs of Glassware’s & Plasticware’s for Establishment of Centre for Advanced Technologies in Biomedical Materials (Knowledge Economy Initiative)**

Vendors are required to provide both unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, total price does not match with the unit price and quantity due to calculation error or typo error, any of the following can be opted:

1. The bid may be rejected on the reason of ambiguity (OR)
2. Unit price will be considered as final and total price of the respective item will be calculated by multiplying it with the quantity required. Sub-totals and grand total will also be corrected accordingly

No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CUI-Lahore Campus BoQ may lead to rejection of bid (fully or partially).

Prices to be quoted inclusive of all applicable taxes

Sr #	Item Name	Specifications	Quantity		Quoted Model / Brand /Make	Unit Price (Rs.)	Total Price (Rs.)
1.	Glass Sublimator	500 mL	2	Nos.			
2.	Separating funnel	100 mL	3	Nos.			
		250 mL	3	Nos.			
		500 mL	2	Nos.			

3.	Reflux Condensers	Coiled, L 300 mm, Joint: ST/NS 24/29	15	Nos.			
4.	Glass Buckner funnel	600 mL, 90 mm diam, 10-20 $\mu$ m pore size	5	Nos.			
		350 mL, 80 mm diam, 70-100 $\mu$ m pore size	5	Nos.			
5.	Quartz cuvette (10 mm)	Chamber volume 3.5 mL	5	Nos.			
		Chamber volume 1.4 mL	5	Nos.			
		Chamber volume 0.4 mL	5	Nos.			
6.	Macro Fluorescence Flow Through Cell	10 mm, >3 mL	2	Nos.			
7.	Round bottom flask (NS24/29)	25 mL	20	Nos.			
		50 mL	20	Nos.			
		100 ml	20	Nos.			
		250 ml	15	Nos.			
		500 ml	15	Nos.			
		1000 mL	5	Nos.			

8.	Two Neck Round Bottom Flask	100 mL, NS 24/29 and 19/26	5	Nos.			
		250 mL, NS 24/29 and 19/26	5	Nos.			
		500 mL, NS 24/29 and 19/26	5	Nos.			
9.	Three Neck Round Bottom Flask	100 mL, NS 24/29 and 19/26	5	Nos.			
		250 mL, NS 24/29 and 19/26	5	Nos.			
		500 mL, NS 24/29 and 19/26	5	Nos.			
10.	Quick fit Glass Adaptor	top female Joint: ST/NS 24/29, bottom male Joint: ST/NS 19/26	5	Nos.			
		top female Joint: ST/NS 29/32, bottom male Joint: ST/NS 24/29	5	Nos.			
		top female Joint: ST/NS 24/29, bottom male Joint: ST/NS 29/32	5	Nos.			
11.	Multiple adaptor	24/29 all three sockets	10	Nos.			
12.	Vacuum adaptor	105° bent, 24/29 with drain tip and vacuum connection	5	Nos.			
13.	Mortar with Pestle	Polished agate, 50 mL	5	Nos.			
14.	Glass stirring rods	7x250 mm	100	Nos.			
15.	Mobile overshoe dispenser	Effortless one touch auto Fitting of Protective Over Shoes covers	2	Nos.			

16.	Glass Beakers (Pyrex or equivalent)	25 ml	50	Nos.			
		50 ml	100	Nos.			
		100 ml	100	Nos.			
		250 ml	100	Nos.			
		500 ml	50	Nos.			
		1000 ml	50	Nos.			
17.	Measuring cylinder	10 ml	50	Nos.			
		50 ml	50	Nos.			
		100 ml	50	Nos.			
		250 ml	50	Nos.			
		500 ml	50	Nos.			
		1000 ml	50	Nos.			
18.	Volumetric Flask	100 ml	10	Nos.			
		250 ml	10	Nos.			
		500 ml	10	Nos.			

19.	Filtration Flask	250 ml	10	Nos.			
		500 ml	10	Nos.			
		1000 ml	10	Nos.			
20.	Measuring Flask (Clear Glass Pyrex or equivalent)	250 mL (N/S 14/23)	5	Nos.			
		500 mL (N/S 19/26)	5	Nos.			
		1000 mL (N/S 24/29)	5	Nos.			
21.	Vacuum (solvent) trap	3/8" two piece, 34/45	20	Nos.			
22.	Long Stem Glass Funnels	50 mm (6 nos. containing in One Pack)	2	Pkt			
		75 mm (6 nos. containing in One Pack)	2	Pkt			
		100 mm (6 nos. containing in One Pack)	2	Pkt			
23.	Evaporating Flask (N/S 29/32)	50 mL	3	Nos.			
		100 mL	3	Nos.			
		250 mL	3	Nos.			
		1000 mL	3	Nos.			

24.	Flat Bottom Flask (N/S 29/32) with glass Caps	50 mL	5	Nos.			
		100 mL	5	Nos.			
		250 mL	5	Nos.			
		500 mL	5	Nos.			
25.	Dropping Funnels with PTFE plug and pressure equalizing	100 mL (N/S 14/23)	5	Nos.			
		250 mL (N/S 24/29)	5	Nos.			
26.	Glass Gas collecting tube with distributor and two stop cocks	350 mL	2	Nos.			
27.	Glass cone with N/S stopcock (2.5 mm)	14/23	5	Nos.			
		24/29	10	Nos.			
28.	Vacuum Adapter	N/S 14/23	5	Nos.			
		N/S 29/32	5	Nos.			
29.	Nitrogen /Vacuum workplace (Schlenk lines)	Complete set with 4 two-way valves, with glass stopcocks, and 2 cooling traps	2	Nos.			
30.	Vacuum Filtration Assembly, all glass	With 500 mL collecting flask	2	Nos.			

31.	Vacuum Desiccator (Clear Glass)	240 mm, with desiccator plate made of porcelain, vacuum port	5	Nos.			
32.	Vacuum Desiccator (Dark Glass)	240 mm, with desiccator plate made of porcelain, vacuum port	5	Nos.			
33.	Liquid Nitrogen Vessels	1000 mL (77/105 ID/OD, >200 mm Hight), Borosilicate-glass cylinder silvered with blue coated and with side grip	4	Nos.			
34.	Laboratory Thermometer (quick fit)	-10 to 225 °C, 14/23 Integral ground cone	20	Nos.			
		-110	10	Nos.			
35.	Reagent bottle (clear glass with narrow mouth)	250 mL, NS 19/26	100	Nos.			
36.	Reagent bottle (clear glass with wide mouth)	500 mL, NS 24/29	100	Nos.			
37.	Gas wash bottle and adopters	250 ml, adapter with safety head NS 29/32	10	Nos.			
38.		500 ml, adapter with safety head NS 29/32	8	Nos.			
39.	Burette clamps	Brass made, nickel coated with rubber coated jaws, each for two burettes	50	Nos.			
40.	Bottle carrier	6 places, dia 100 mm, stainless steel body	10	Nos.			
		2 spaces, 2.5 L	5	Nos.			

41.	Glass density bottle	5 mL	5	Nos.			
		10 mL	5	Nos.			
		50 mL	5	Nos.			
42.	Glass cooling traps	250 mL	10	Nos.			
43.	Dewar (liquid nitrogen) container	Coolant capacity 1000 mL, condenser 150 mL	3	Nos.			
44.	Scissors titanium	140 mm, handle length 45	5	Nos.			
45.	Metallic tongs	For flask, 230 mm or more	5	Nos.			
		For beakers 330 mm or more	5	Nos.			
46.	Micropipette stand	Multiple positions for vertical standing of pipettes (plastic)	15	Nos.			
47.	Glass test tubes	10 mL	100	Nos.			
		20 mL	100	Nos.			
48.	Test tube rack	Plastic with 10 positions each	10	Nos.			
49.	Glass syringes	1 mL	10	Nos.			
		2 mL	10	Nos.			
		5 mL	10	Nos.			
		10 mL	10	Nos.			

50.	Cold traps complete	Glass and metallic parts	02	Nos.			
51.	Cleaning Brushes	Pipet brush, goat hair, with loop	20	Nos.			
		Test tube brush with wool top	20	Nos.			
		Beaker brush, nylon wooden handle	40	Nos.			
52.	Porcelain crucibles with caps (glazed)	20 mL	50	Nos.			
		60 mL	50	Nos.			
53.	Alumina crucible (99.5 %) round bottom	15 mL	10	Nos.			
		40 mL	10	Nos.			
54.	Alumina crucible boats (>99.3 %)	88x15x9 mm	100	Nos.			
55.	Tubing clamps	140 mm length	20	Nos.			
		180 mm length	20	Nos.			
56.	Glass Cooling vessel for sonication	15 mL	5	Nos.			
57.		70 mL or above	5	Nos.			
58.	Safety goggles	Nylon, with anti-scratch, adjustable arms and angle	50	Nos.			
59.	Laboratory stands	315x300 mm, solid base, metallic body rust resistant	50	Nos.			

60.	Hand held eye sowers	Hose length 1500, inlet ½” female	10	Nos.			
61.	Support clamp	Cast iron, two round jaws, inside cork lined	100	Nos.			
62.	Bosshead	Stainless steel 18/10, for up to 16 mm	150	Nos.			
63.	Lab Jacks	300x300 size, >130 lifting hight	15	Nos.			
64.	UV Hand lamp	6 W, 254/366 nm switchable, 145x45 area	2	Nos.			
65.	Glass sedimentation cone	Graduated, 100 mL	3	Nos.			
66.	Sedimentation rack	Capable of vertical posing of at least two sedimentation cones at a time, LxWxH 150x300x290	2	Nos.			
67.	Micropipette	10 µL	10	Nos.			
		100 µL	10	Nos.			
		200 µL	10	Nos.			
		1000 µL	10	Nos.			
68.	Multichannel Micropipette	8 channels or above, tip size 10-100 µL	2	Nos.			
69.	Bottle top dispenser	Capable of dispensing all types of solutions of salts, acids, alkalies, organic and inorganic solvents, 05-50 mL	5	Nos.			
70.	Porcelain combustion boats	14x103x 9 mm (WxLxH)	1000	Nos.			

71.	Soxhlet apparatus	250 mL	2	Nos.			
72.		500 mL	2	Nos.			
73.	Glass burette	Single bore with interchangeable PTFE key, 100 ml graduated (0.2)	10	Nos.			
74.	Vacuum distillation assembly	Complete assembly with heating mantle, 1 litre	02	Nos.			
		250 mL	01	Nos.			
75.	Solvent drying assembly	5 liters	01	Nos.			
		1 litre	01	Nos.			
76.	Quartz tubes for BET	3/8 inch dia	06	Nos.			
77.	Polycarbonate sheets	8*4 feet	5	Nos.			
78.	Glass droppers	2 mL	1000	Nos.			
79.	Burner	100 ml capacity	10	Nos.			
80.	Tripod burner stand	Metallic body	20	Nos.			
81.	Porcelain basin (glazed) with spout	25 mL	15	Nos.			
		50 mL	15	Nos.			
		100 mL	15	Nos.			

82.	Rotary collection flasks	500 mL (29/32)	5	Nos.			
83.	Glass Cone joints quick fit	19/26	10	Nos.			
		24/29	10	Nos.			
84.	Stillheads, Claison heads	24/29	5	Nos.			
85.	Watch glasses	50 mm	50	Nos.			
		100 mm	50	Nos.			
		150 mm	50	Nos.			
86.	Digital bottle top dispenser	Digital burets	2	Nos.			
87.	Cones with NS stop cock	24/29	10	Nos.			
		19/26	10	Nos.			
88.	Joint clamps steel	24	30	Nos.			
		19	30	Nos.			
89.	Glass Petri Plats	60/20 mm	200	Nos.			
		100/20 mm	200	Nos.			
		150/30 mm	50	Nos.			

90.	Cell culture media flasks with caps	100 ml	10	Nos.			
		250 ml	10	Nos.			
		500 ml	20	Nos.			
		1000 ml	20	Nos.			

### **Bid Evaluation Criteria**

All bids shall be evaluated in accordance with the following evaluation criteria and other terms & conditions set forth in this bidding document.

- The bids shall be evaluated to strictly ensure that the quoted brand/ model meet all the BoQ/ specification requirements given in the tender document for each item.
- In addition to the BoQ requirements, vendors must meet the vendor qualification criteria /company profile requirements (if any), as set forth in this tender document.
- Supporting literature of the quoted model must be attached for verification & technical evaluation of the required specification by the technical committee. In case of any clash is found between the quoted model and the supported literature may lead to rejection of bid.
- **The vendor must have an authorized dealer certificate of the quoted Product/Item (Certificate with current year's validity) of Original Manufacturer for Glassware's & Plasticware's which shall be also verifiable from the Principal / Manufacture Website or through email must be attached with bid otherwise such item/bid may be rejected.**

### **Special Terms and conditions;**

1. Please submit the bid (rates) on our prescribed BoQs Form and clearly mention the quoted model / brands, with complete terms and conditions signed, stamped, otherwise your bid (s) may be rejected.
2. Purchase / work order (s) will be awarded on **Item Wise Basis** as mentioned in BoQs.
3. **Multiple rates of an item may also lead to the rejection of bid / item.**